

ALIGNMENTS

RESULT 1

US-10-612-468A-4

; Sequence 4, Application US/10612468A

; Publication No. US20050010030A1

; GENERAL INFORMATION:

; APPLICANT: Zhang, Jingwu Z.

; APPLICANT: Ho, Walter Kowk Keung

; APPLICANT: Zhang, Dongqing

; APPLICANT: Sun, Wei

; TITLE OF INVENTION: T Cell Receptor CDR3 Sequence and Methods for Detecting

; TITLE OF INVENTION: and Treating Rheumatoid Arthritis

; FILE REFERENCE: 057186.000003

; CURRENT APPLICATION NUMBER: US/10/612,468A

; CURRENT FILING DATE: 2003-07-02

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 4

; LENGTH: 7

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: Peptide

; OTHER INFORMATION: conserved amino acid sequence derived

; OTHER INFORMATION: from CDR3 of

; OTHER INFORMATION: TCR beta-chain BV16 in patients with RA

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Query Match 100.0%; Score 34; DB 5; Length 7;

Best Local Similarity 100.0%; Pred. No. 1.7e+06;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SSGGSLF 7

||||||

Db 1 SSGGSLF 7

RESULT 2

US-10-612-468A-129

; Sequence 129, Application US/10612468A

; Publication No. US20050010030A1

; GENERAL INFORMATION:

; APPLICANT: Zhang, Jingwu Z.

; APPLICANT: Ho, Walter Kowk Keung

; APPLICANT: Zhang, Dongqing

; APPLICANT: Sun, Wei

; TITLE OF INVENTION: T Cell Receptor CDR3 Sequence and Methods for Detecting

; TITLE OF INVENTION: and Treating Rheumatoid Arthritis

; FILE REFERENCE: 057186.000003

; CURRENT APPLICATION NUMBER: US/10/612,468A

; CURRENT FILING DATE: 2003-07-02

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 129

; LENGTH: 20

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: Domain

; OTHER INFORMATION: CDR3 amino acid sequence of BV14 clonotype derived

; OTHER INFORMATION: from ST specimen of RA patients

US-10-612-468A-129

Query Match 100.0%; Score 34; DB 5; Length 20;